In the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for controlling fuel pressure for a fuel injected engine, comprising the steps of:

providing a fuel pump with an inlet port which is connectable in fluid communication with a fuel supply and an outlet port which is connectable in fluid communication with a fuel injector;

measuring a fuel pressure at a location which is in fluid communication with said outlet port; ~~and~~

controlling an operating speed of said fuel pump as a function of said fuel pressure measured at said location which is in fluid communication with said outlet ~~port.~~ port;

measuring airflow into said fuel injected engine;

calculating a desired fuel flow as a function of a selected air/fuel ratio; and

determining said operating speed of said fuel pump as a function of said desired fuel flow.

2. (Canceled)

3. (Original) The method of claim 1, wherein:

said controlling step comprises the step of transmitting a pulse width modulated signal to said fuel pump.

4. (Currently Amended) The method of ~~claim 1~~claim 3, wherein:

a duty cycle of said pulse width modulated signal determines said operating speed of said fuel pump.

5. (Currently Amended) A fuel pressure control system for a fuel injected engine, comprising:

a fuel pump with an inlet port which is connectable in fluid communication with a fuel supply and an outlet port which is connectable in fluid communication with a fuel injector;

a fuel pressure sensor disposed at a location which is in fluid communication with said outlet port;

a controller connected in signal communication with said fuel pressure sensor and in signal communication with said fuel pump, said controller being configured to provide a signal to control an operating speed of said fuel pump as a function of a signal received from said pressure sensor; and ~~sensor.~~

an airflow sensor for measuring a rate of air flowing into said engine, said controller being configured to determine a desired fuel flow rate as a function of said rate of air flowing into said engine and a selected air/fuel ratio, said operating speed of said fuel pump being determined as a function of said desired fuel flow rate.

6. (Canceled)

7. (Currently Amended) The system of ~~claim 6~~ claim 5, wherein:

said controller is configured to transmit a pulse width modulated signal to said fuel pump which is representative of said operating speed.

8. (Original) The system of claim 7, wherein:

a duty cycle of said pulse width modulated signal determines said operating speed of said fuel pump.

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

Please add the following two new claims:

13. (New) A method for controlling fuel pressure for a fuel injected engine, comprising the steps of:

providing a fuel pump with an inlet port which is connectable in fluid communication with a fuel supply and an outlet port which is connectable in fluid communication with a fuel injector;

measuring a fuel pressure at a location which is in fluid communication with said outlet port; and

controlling an operating speed of said fuel pump as a function of said fuel pressure measured at said location which is in fluid communication with said outlet port, said controlling step comprising the step of transmitting a pulse width modulated signal to said fuel pump, a duty cycle of said pulse width modulated signal determining said operating speed of said fuel pump.

14. (New) The method of claim 13, further comprising:

measuring airflow into said fuel injected engine;

calculating a desired fuel flow as a function of a selected air/fuel ratio; and

determining said operating speed of said fuel pump as a function of said desired fuel flow.